

# Converting Colors

Hex(81AD83)

Have a look what the booklet for  
Hex(81AD83) contains.

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# **Color**

**Hex(81AD83)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81AD83
RGB	129, 173, 131
RGB Percent	51%, 68%, 51%
CMY	0.4941, 0.3216, 0.4863
CMYK	0.25, 0.00, 0.24, 0.32
HSL	123°, 21%, 59%
HSV	123°, 25%, 68%
XYZ	28.0936, 36.1930, 26.9780
YIQ	155.0560, -12.7420, -22.3900

# Conversions

## Conversions Part 2

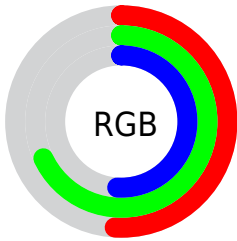
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 171, 173
Decimal	8498563
CIELab	66.67, -23.26, 16.91
CIELCh	67, 28.760, 143.979
Yxy	36.1930, 0.3078, 0.3966
Android (android.graphics.Color)	4286688643 (0xFF81AD83)
YUV	155.0560, -11.8596, -22.8511
Hunter-Lab	60.1606, -21.9258, 15.5248

# Details

The Hex color **81AD83** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AD81AB**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B7E5B8**, and **4E7851** is the 20% darker color. If you saturate the color by 10%, you get **70AD72**, and if you desaturate by 10%, it is **92AD94**.

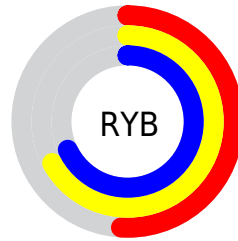
# Distribution



Red (51%)

Green (68%)

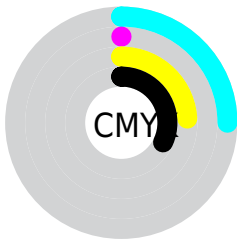
Blue (51%)



Red (51%)

Yellow (67%)

Blue (68%)

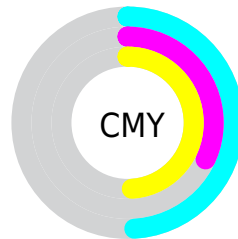


Cyan (25%)

Magenta (0%)

Yellow (24%)

Black (32%)



Cyan (49%)

Magenta (32%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81AD83 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 81AD83 by changing the saturation by 10% instead.



 81AD83

 81AD83

FFFFFF

 67926A

 B7E5B8

 4E7851

 D3FFD4

 365F3A

 EFFFF0

 1E4724

 05310F

 001D00

 000000

 81AD83

 81AD83

 70AD72

 92AD94

 5EAD62

 A4ADA4

 4DAD51

 B5ADB5

 3CAD41

 C6ADC5

 2AAD30

 D8ADD6

 19AD20

 E9ADE6

 08AD0F

 FAADF7

 00AD08

 FFADFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9FA772



81AD83



64B09C

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81AD83



79A6D5



D6908E

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



81AD83



AD81AB

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D18FA8



81AD83



9F9DD1

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81AD83



58ADCB



BE95C1



CD9679

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81AD83



55B0AE



BE95C1



D68F97



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



81AD83



CEE0CF



ACAD81



657065



F0F0F0



707070



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



81AD83



9BE09E



81AD98



4E574E



009607



001701



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



AD81AB



E09BDD



AD8196



574E56



960090



170016



# Previews

## White Background



This preview shows how the Hex color 81AD83 looks on a white background.

## Color Contrast Check

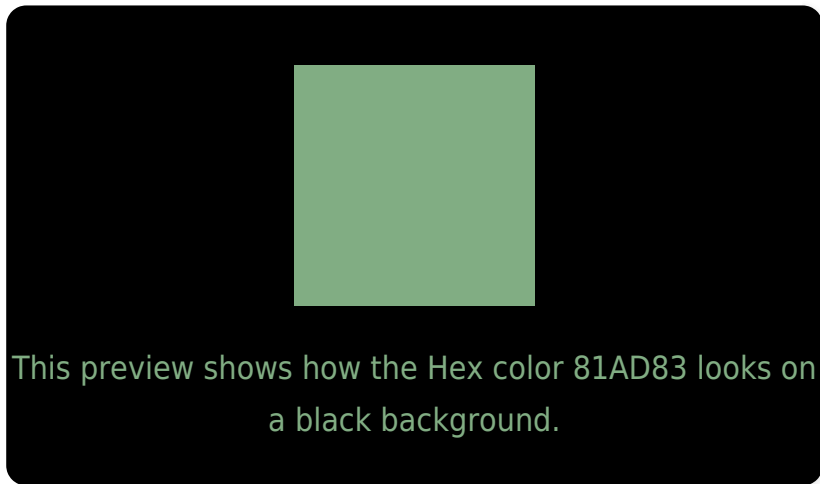
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

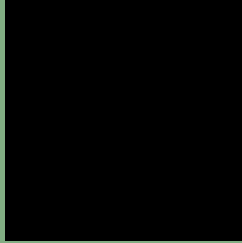
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 81AD83 Background



This preview shows how black text looks on a background with the Hex color 81AD83.

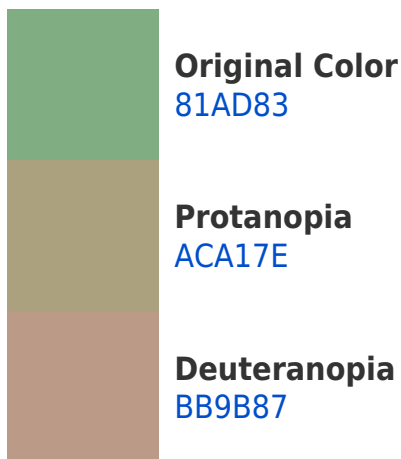


This preview shows how white text looks on a background with the Hex color 81AD83.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

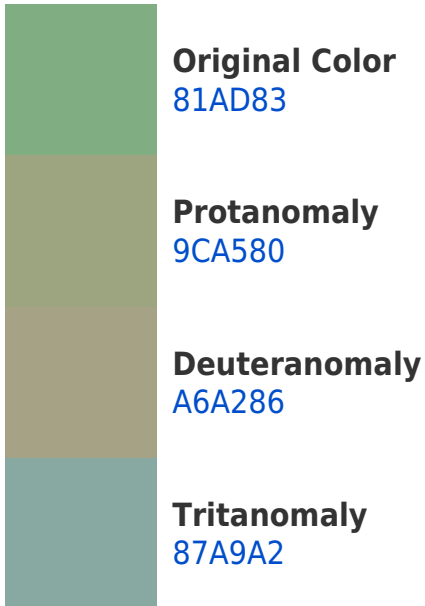
## Dichromacy





**Tritanopia**  
8AA7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81AD83 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #81AD83 looks like.

```
.text, #text, p{  
    color:#81AD83  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #81AD83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81AD83
}
```

## Border

The CSS property to change the border of an element to Hex 81AD83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81AD83 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#81AD83 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #81AD83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81AD83; -webkit-box-shadow:4px 4px  
4px 4px #81AD83; box-shadow:4px 4px 4px  
4px #81AD83 }
```

# Background

The CSS property to change the background color of an element to Hex 81AD83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81AD83 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#81AD83 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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